

1 through a timed delay 96 waiting for the job to finish by checking for job complete 97.  
2 Once done, the database is updated with the patient and study information of all the  
3 patients on that CD and the CD unique serial number in Update Database step 98. The  
4 process starts anew by checking to see if there are any more files to back up 91.

5 A simple query screen allows for querying the backup database using patient  
6 name, patient id, or study date thus allowing the user to find which CD a patient  
7 information is stored on.

8 The piracy protection device is attached to the parallel port. It is initialized with  
9 the number of CDRs 42 purchased, and with patient and/or backup options. FilmX will  
10 create patient CDs if that option is enabled; back up CDs if that option is enabled; and  
11 both if both options are present. Once a job has been successfully completed, the number  
12 of CDs created by it are deducted from the counter in the piracy protection device. If at  
13 Zero, the system halts operation until a new code for additional CDs has been entered.  
14 Patient and/or backup options can be enabled by operator entering a code provided by  
15 Sorna Corporation.

16 Even though the invention has been described herein using CDRs, other printable  
17 recording medium, including but not limited to CDR, CDRW, DVD-R, DVD-RW, DVD-  
18 RAM; can be used.

19 Obviously, many modifications and variations of the present invention are  
20 possible in light of the above teachings. It is therefore to be understood that, within the  
21 scope of the appended claims, the invention may be practiced otherwise than as  
22 specifically described.

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24 What is claimed is:

- 1 1. A data recording system comprising:
  - 2 a computer for receiving information, including fields of identification data to
  - 3 identify the information received,
  - 4 a means for dividing the received information into one or more identifiable files
  - 5 for a job,
  - 6 a information recorder for storing the identifiable files of the job on a data storage
  - 7 medium, and means for recording the information on the data storage medium,
  - 8 a means for selecting fields of identification data from the information received,
  - 9 for printing on the data storage medium,
  - 10 a printer for printing selected fields of identification data on the data storage
  - 11 medium and for printing other matter such as logos on the data storage medium,
  - 12 a means for instructing the printer to print the selected identification data and
  - 13 other matter on the data storage medium.
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- 1 2. A data recording system as in claim 1 wherein,
  - 2 the data stored on data recording medium are images and,
  - 3 a means for recording instructions on the data storage medium for a computer to
  - 4 automatically load the images stored thereon for viewing.
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- 1 3. A data recording system as in claim 1 wherein,
  - 2 a timer detects a pause in a data stream to select the end of the data transmitted to
  - 3 the computer for each job.
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- 1 4. A data recording system as in claim 1 wherein,
  - 2 a database is created and updated to locate the discs from information stored on
  - 3 the discs.
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- 1 5. A data recording system as in claim 1 wherein,
  - 2 a means for selecting the fields selected for printing on the data storage medium is
  - 3 programmed into the data recording system.
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1       6.    A data recording system as in claim 1 wherein,  
2            a means for image creation for printing on the data storage medium is  
3            programmed into the data recording system for printing logos, trademarks and other  
4            images on the data storage medium.

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1       7.    A data recording system as in claim 1 wherein,  
2            a means for automatically loading and moving discs to be recorded and printed is  
3            employed.

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1       8.    A data recording system as in claim 1 wherein,  
2            the job comprises: a job name, a CD image file name, a number of copies of  
3            recording media to be created, a label file name, a label merge data file name.

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1       9.    A data recording system as in claim 1 wherein,  
2            the job comprises: a job name, a CD file list, a number of copies of recording  
3            media to be created, a label file name, a label merge data file name.

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1       10.   A data recording method comprising,  
2            receiving data for recording,  
3            organizing the data received into jobs,  
4            storing the data received on a recording medium,  
5            printing selected data received and other information on the medium such that the  
6            medium can be identified.

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1       11.   A data recording system as in claim 10 wherein,  
2            the job comprises: a job name, a CD image file name, a number of copies of  
3            recording media to be created, a label file name, a label merge data file name.

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1       12.   A data recording system as in claim 10 wherein,  
2            the job comprises: a job name, a CD file list, a number of copies of recording  
3            media to be created, a label file name, a label merge data file name.

1 13. A data recording method as in claim 10 further including the step of,  
2 creating a data base of patient records to locate the discs the patient images are  
3 stored on.

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1 14. A data recording method as in claim 10 further including the step of,  
2 recording software on the medium for viewing the data stored thereon on a  
3 computer.

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